Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 09 May 2023 until 23:59 on Wednesday 10 May 2023

Forecast Issued on Tuesday 09 May 2023 at 01:23

Confidence: High confidence for a changeable and showery few days. Lower confidence in regards to timing and intensity of showers. Confidence in a return to more settled conditions by end of the week.

Headline for Tuesday 09 May 2023: A day of sunshine and scattered showers. Some of these will be heavy and thundery at times.

Mountain weather hazards on Tuesday 09 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Sunny	Heavy rain showers	Partly cloudy (night)
Precipitation probability					
20%	20%	40%	40%	40%	10%

Forecast for Tuesday 09 May 2023

Weather: Cloudy initially, mainly across the west of the Park, with some patchy early rain or drizzle. Brightening up by mid-morning to sunny spells. Well-scattered showers developing from mid-morning. Showers will become more frequent and slow-moving this afternoon, locally heavy, with the risk of thunder and hail. Any showers will gradually decay and fade by early evening, with some clear spells developing.

Chance of cloud-free hill tops above 600m: 40% in the west at first. Generally 80% otherwise with deteriorations in heavy showers.

Low cloud and visibility: Areas of low cloud, with bases down to 400-500m, may affect westernmost slopes at first. Cloud will lift and break to above the summits from mid-morning. Poor or very poor visibility in any early mist or showers, becoming mostly good or very good. Deteriorations to poor in heavy showers during the day, cloud may shroud tops in and heavy or persistent downpours, lasting for several hours.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 09 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/13 SW	12/16 W	17/23 W	16/21 W	13/18 W	10/17 W	10/17 W
300	7/9 SW	8/11 W	13/18 W	13/19 NW	10/16 NW	8/15 W	6/10 SW
Valley	4/7 SW	6/12 W	11/18 W	11/19 NW	9/17 NW	6/13 W	2/8 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/6	10/7	11/8	10/7	8/5	6/3
300	10/8	11/9	13/10	14/11	12/10	10/8	9/7
Valley	11/10	12/11	14/12	15/13	13/11	10/8	7/6
Freezing Level*	2000m	1900m	1800m	1700m	1400m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Areas of low cloud and drizzle may make for challenging navigation at height during the morning. Care should be taken if heading out in the hills in the afternoon, with the chance of heavy and thundery downpours. Risk of hail and lightning. Strong UV levels in any spells of afternoon sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 09 May 2023	8mm	8.2mm	10.4mm

Forecast for Wednesday 10 May 2023

Weather: Largely dry at first. A band of showery rain is expected to move eastwards Wednesday morning, with lowest cloud affecting western upslopes. Brightening up by late-morning to sunny spells and scattered showers. Showers may be locally heavy, with the risk of hail and thunder in places. Any showers slowly fading into the evening to leave largely dry conditions and clear spells. An organised band of further showery rain may arrive from the west by midnight.

Maximum wind: Westerly 15-20 mph, gusting 20-25 mph.

Chance of cloud-free hill tops above 600m: 30% at first, mainly for western hills. Otherwise generally 80%.

Low cloud and visibility: Areas of low cloud with bases around 400-500m early morning, lifting to above the summits by mid-morning. Poor or very poor visibility in early showery rain, becoming good during the day. Sharp deterioration in showers to moderate or poor. Cloud bases may shroud higher routes in and around heavier showers for a few hours.

Temperature: **Valleys:** Plus 6 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 6 Celsius, becoming Plus 10 Celsius
Freezing level: Above the summits.

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